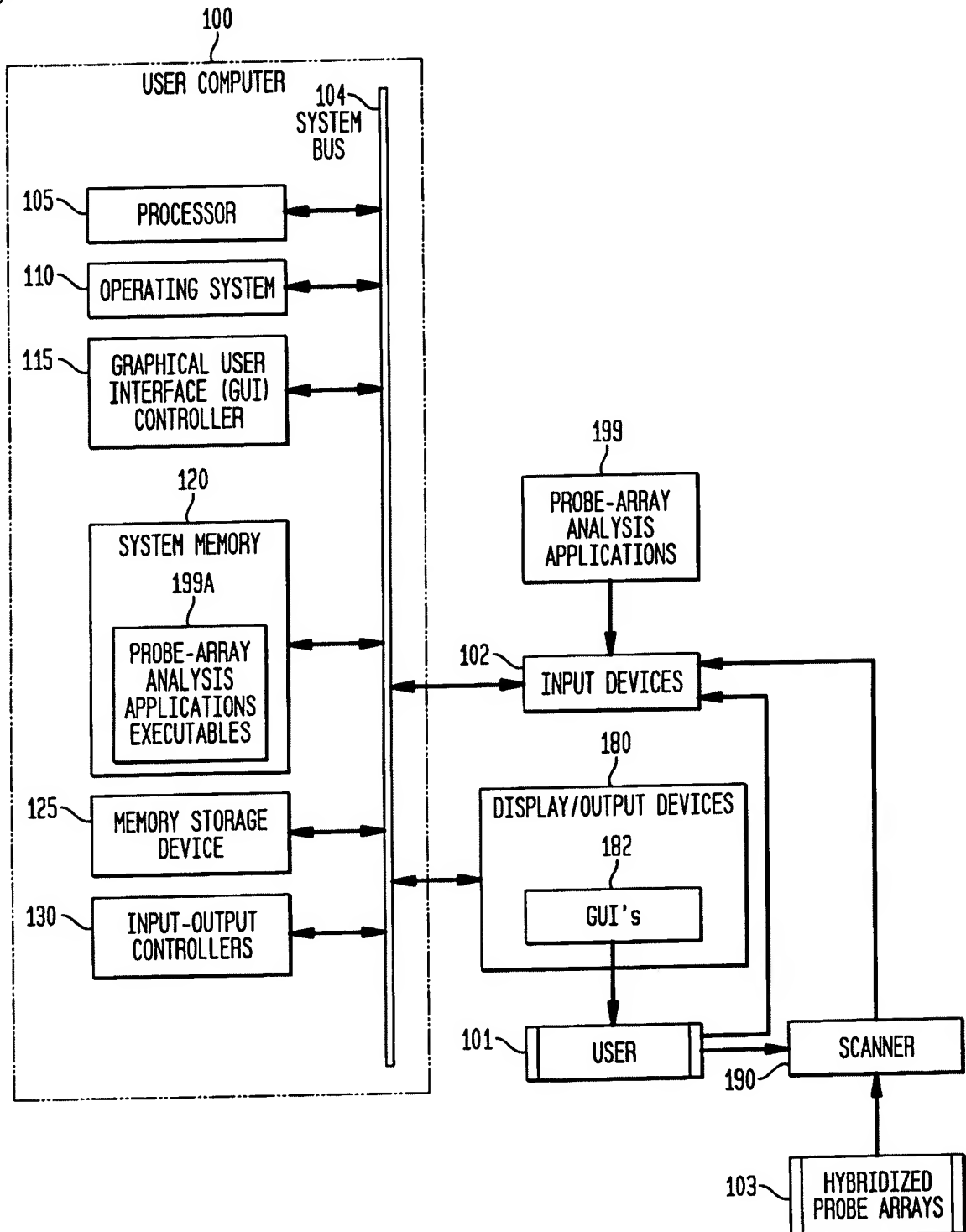


# REPLACEMENT SHEET

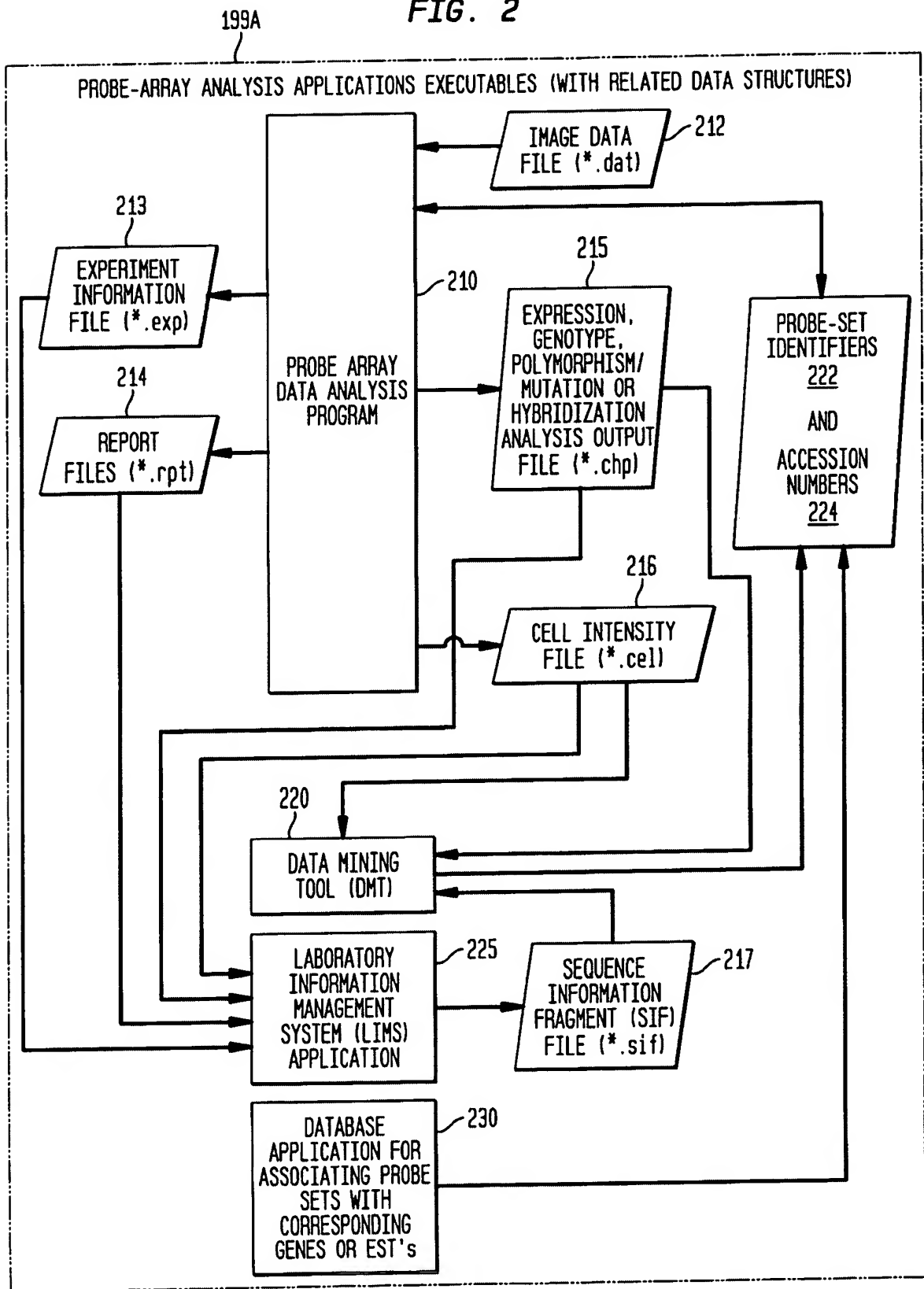
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FIG. 1



# REPLACEMENT SHEET

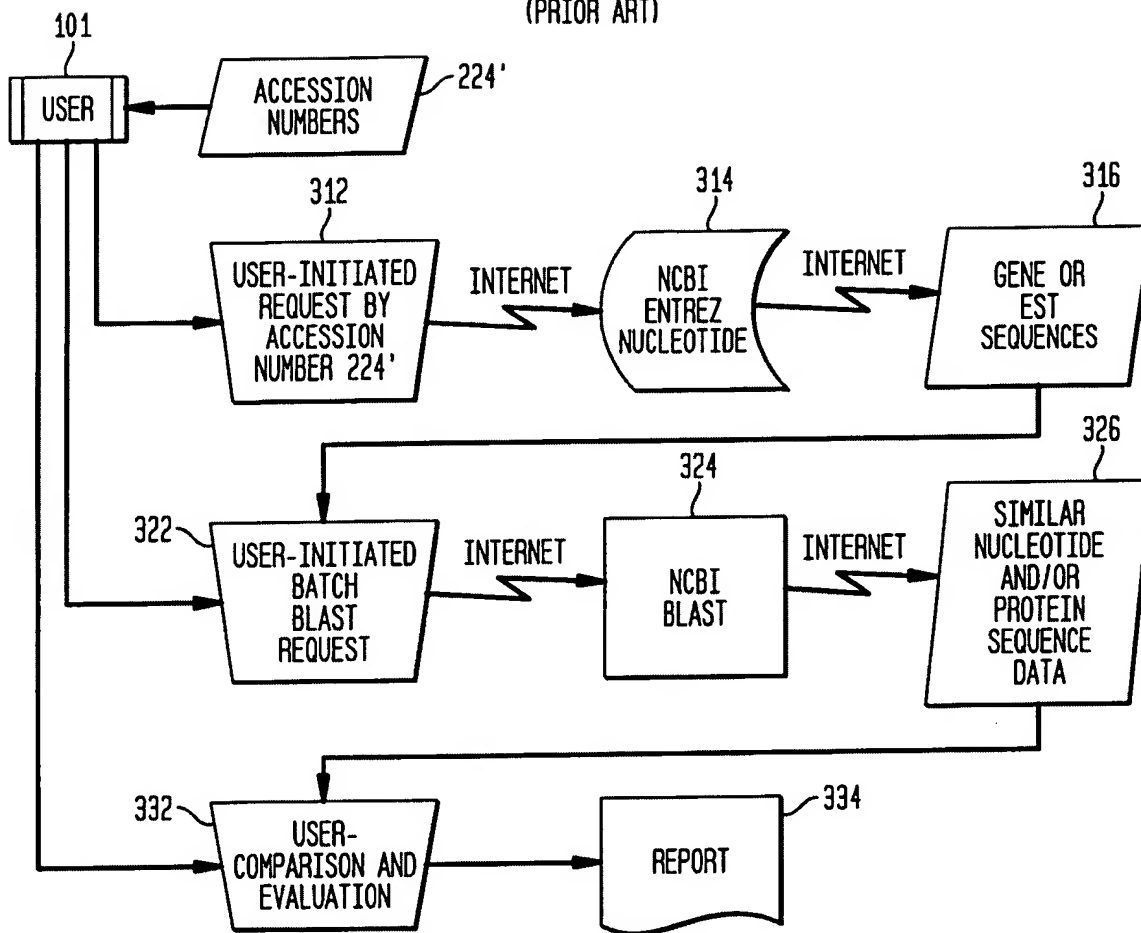
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FIG. 2



# REPLACEMENT SHEET

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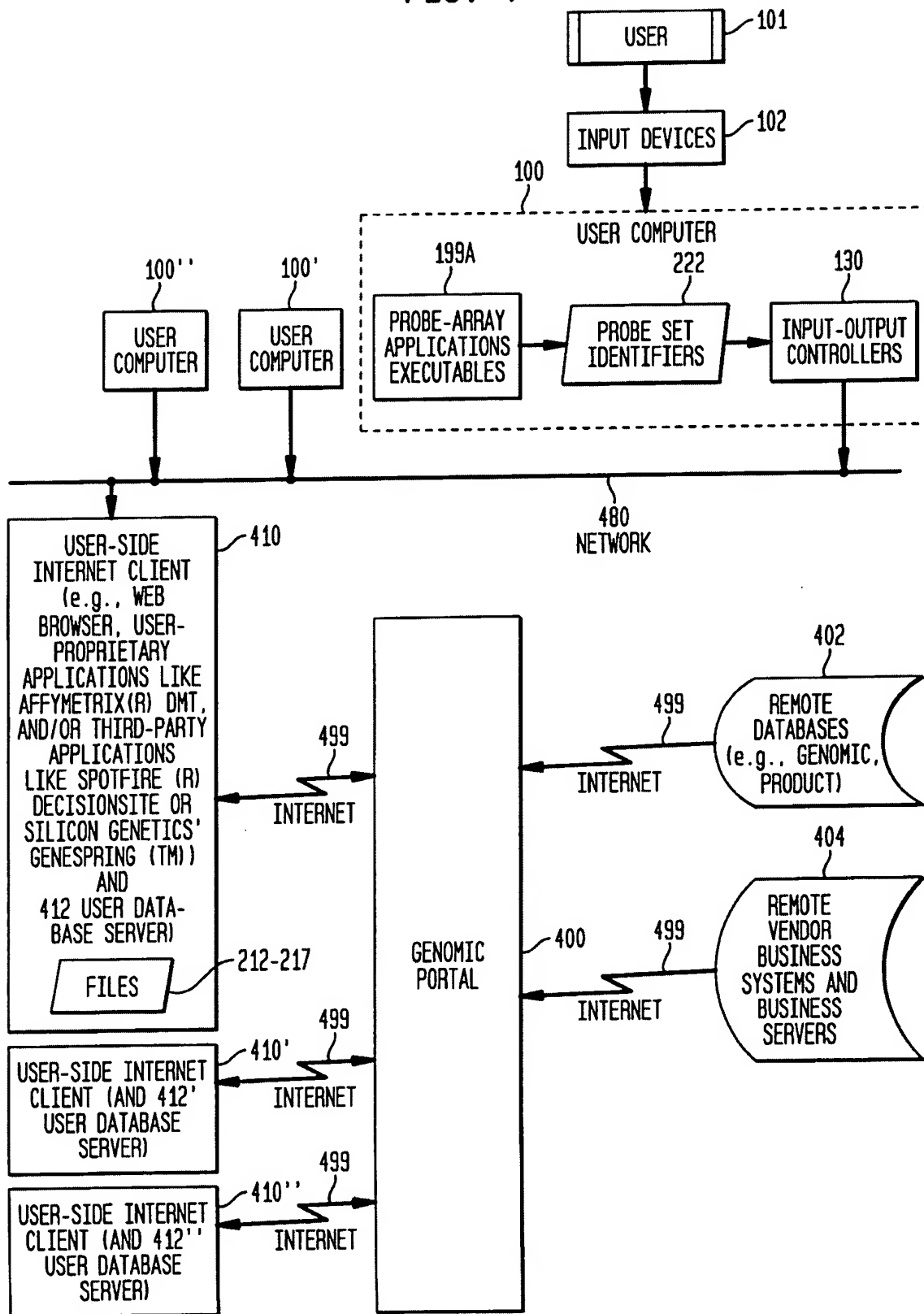
**FIG. 3**  
(PRIOR ART)



# REPLACEMENT SHEET

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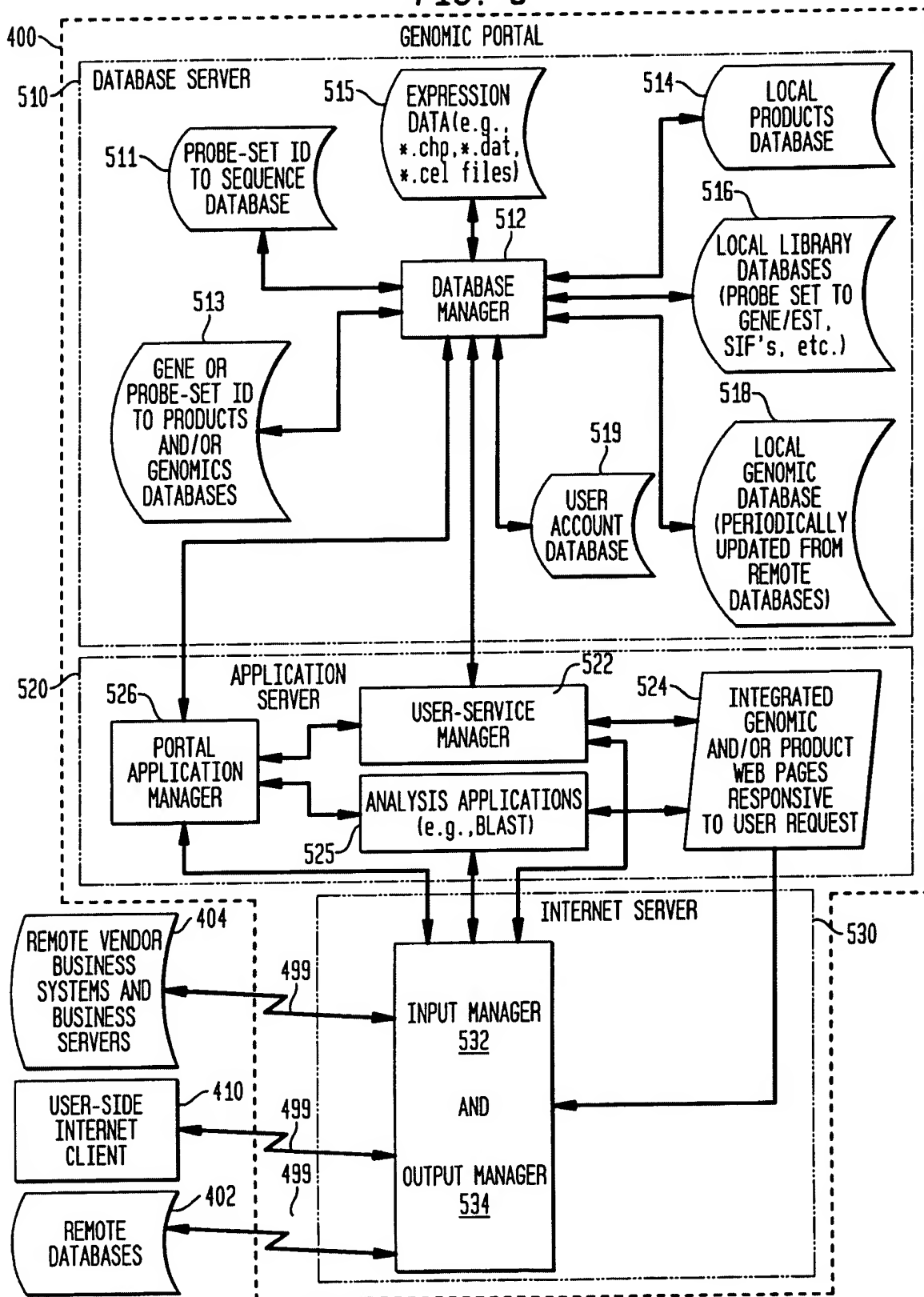
FIG. 4



# REPLACEMENT SHEET

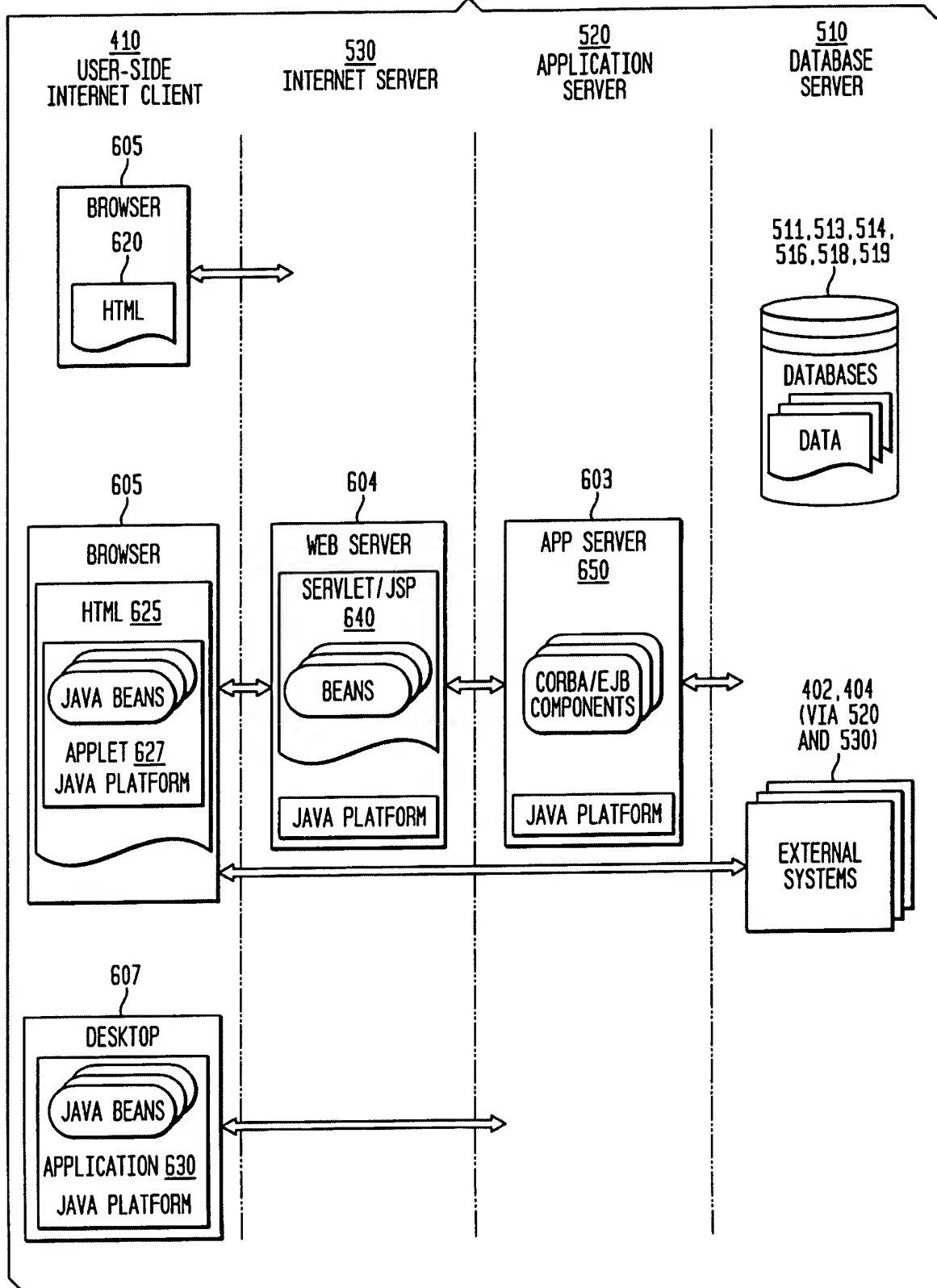
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FIG. 5



# REPLACEMENT SHEET

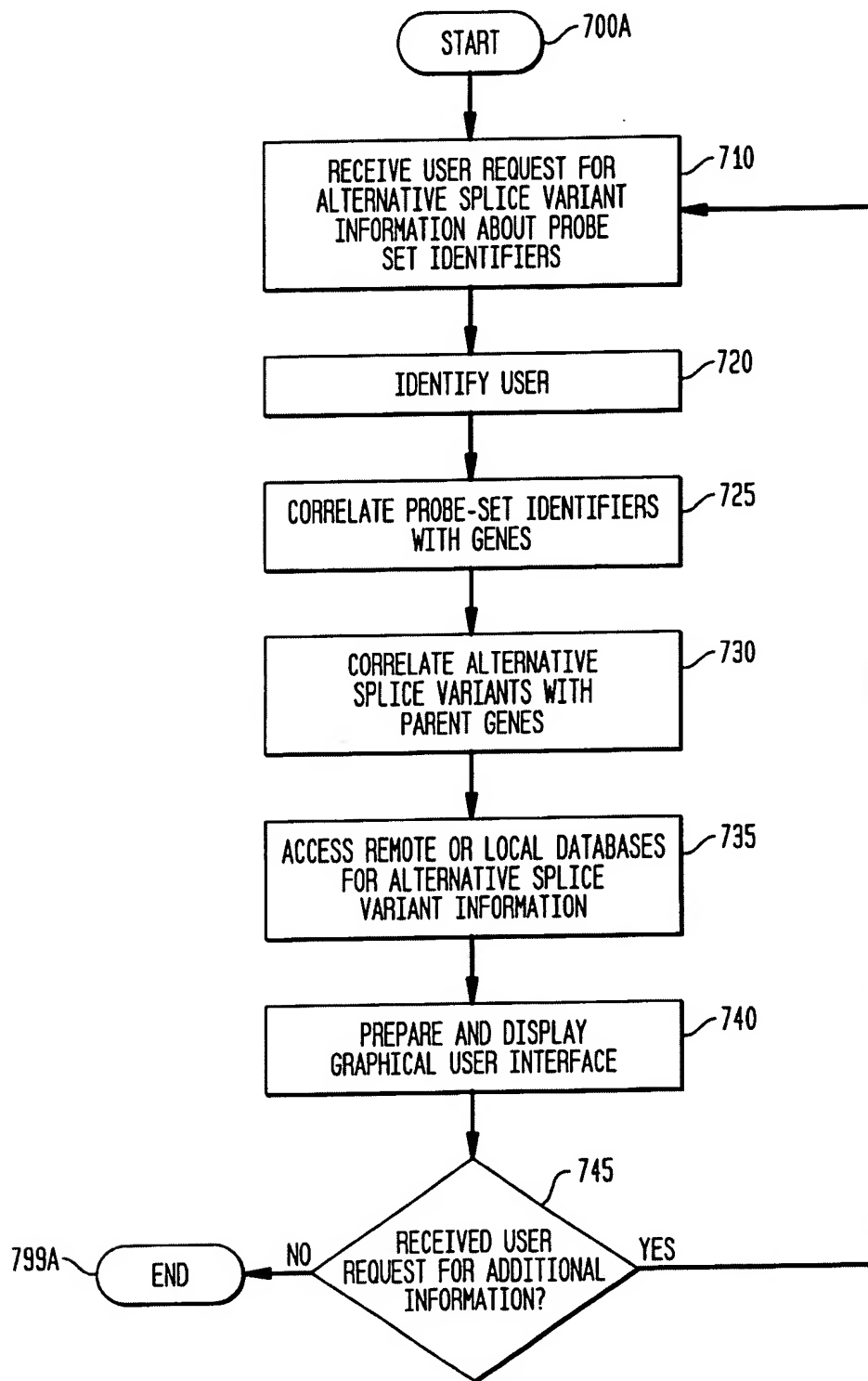
6/17  
FIG. 6



# REPLACEMENT SHEET

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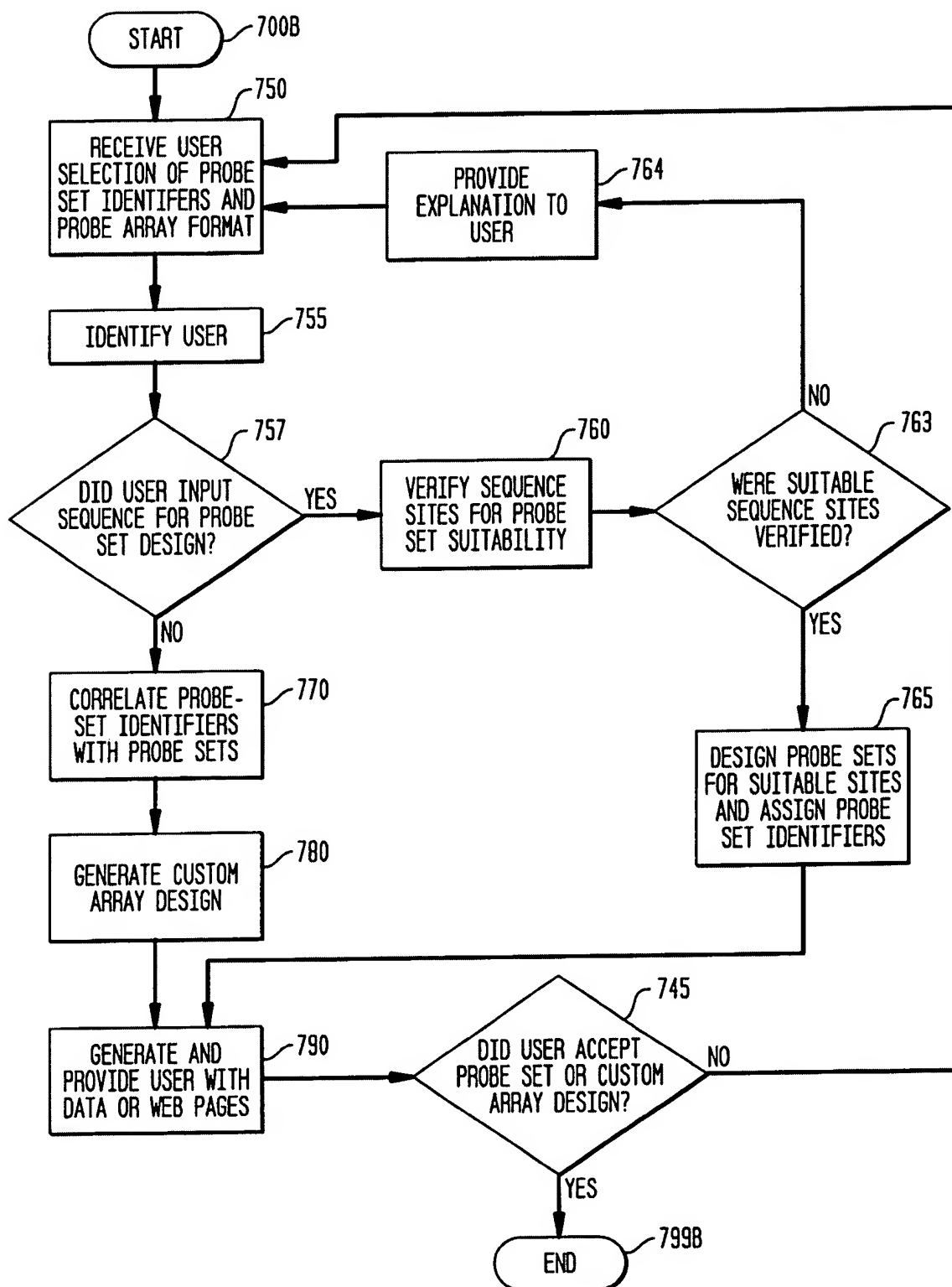
FIG. 7A



# REPLACEMENT SHEET

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FIG. 7B

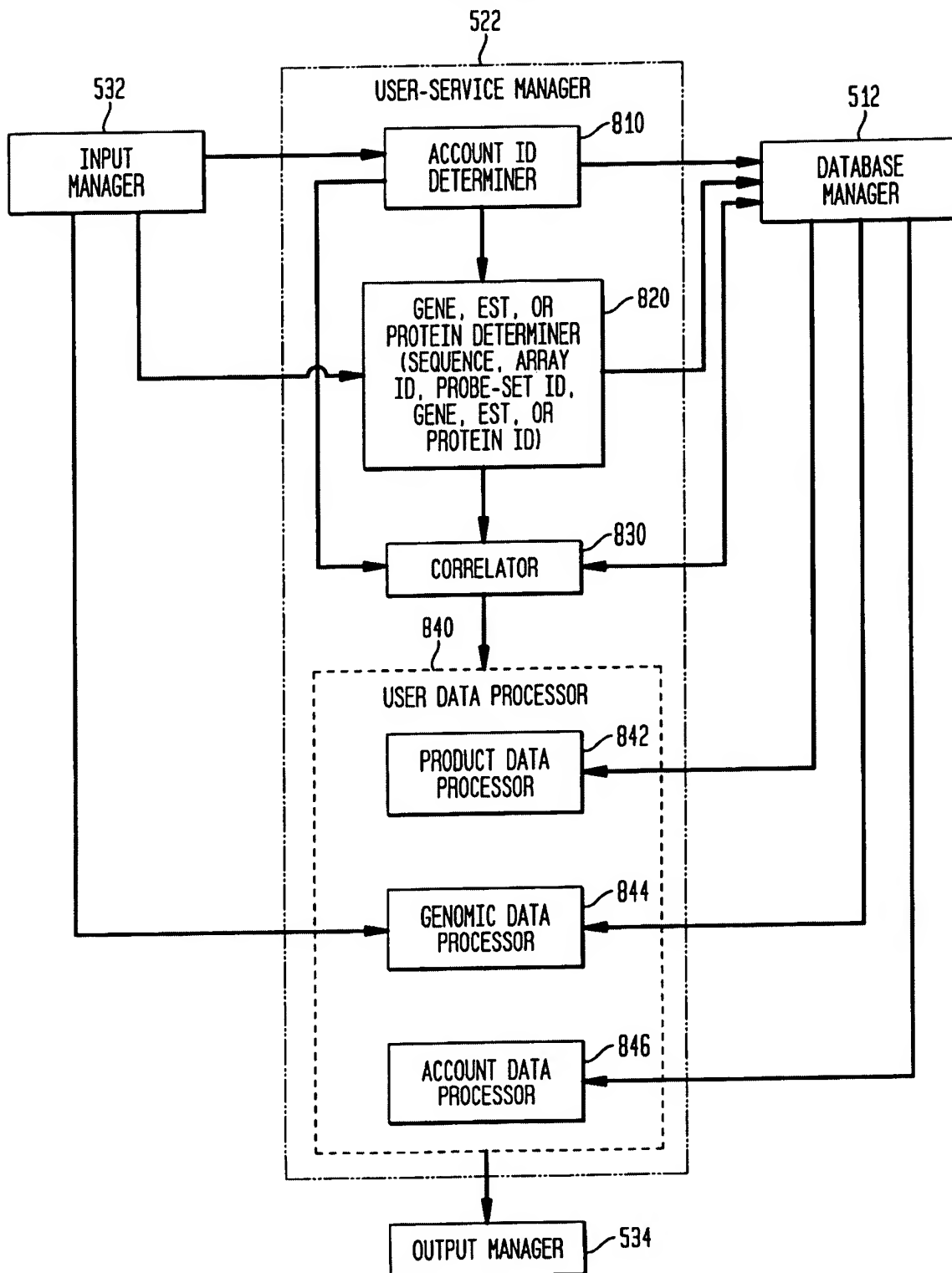




# REPLACEMENT SHEET

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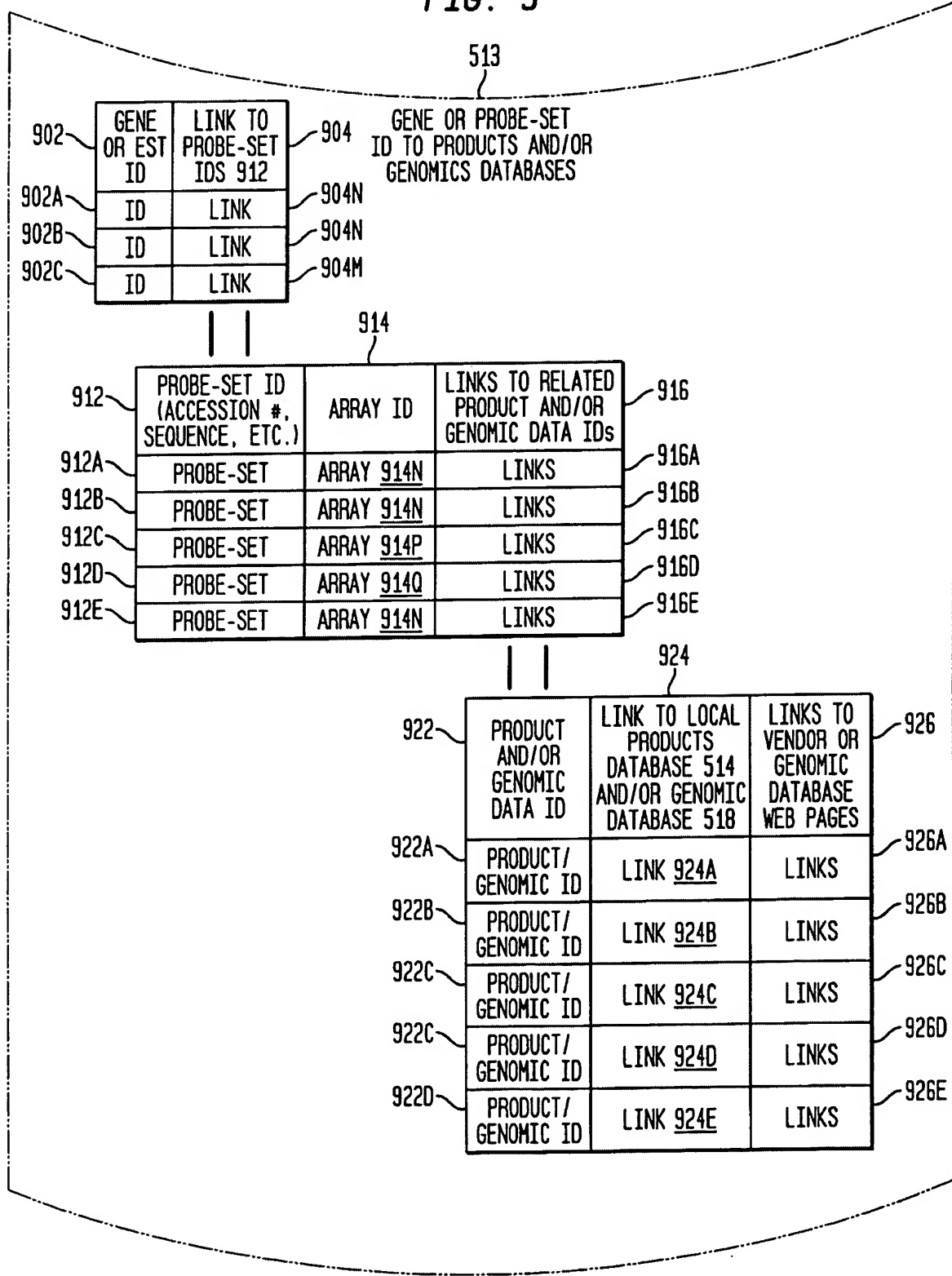
FIG. 8



# REPLACEMENT SHEET

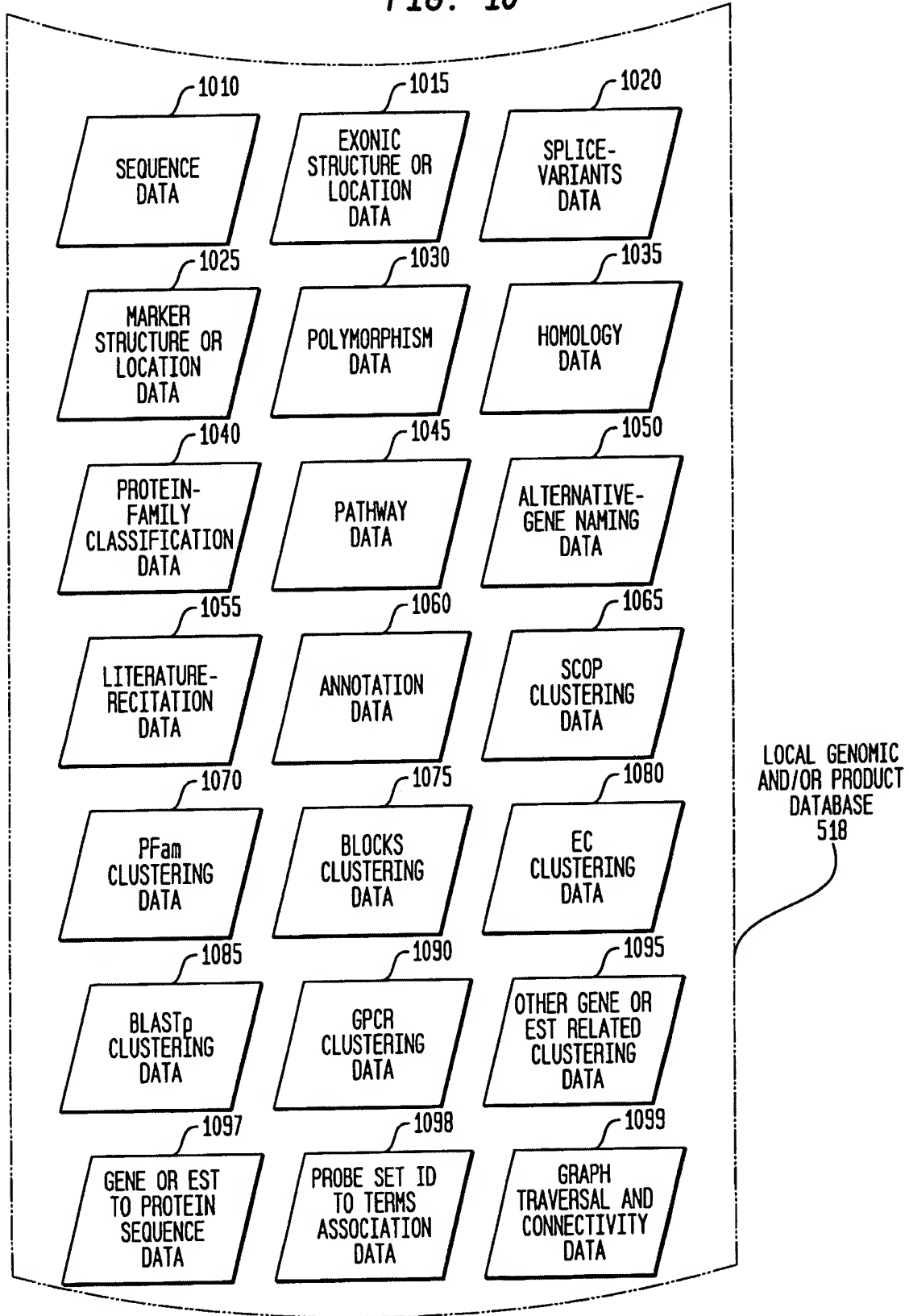
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FIG. 9



# REPLACEMENT SHEET

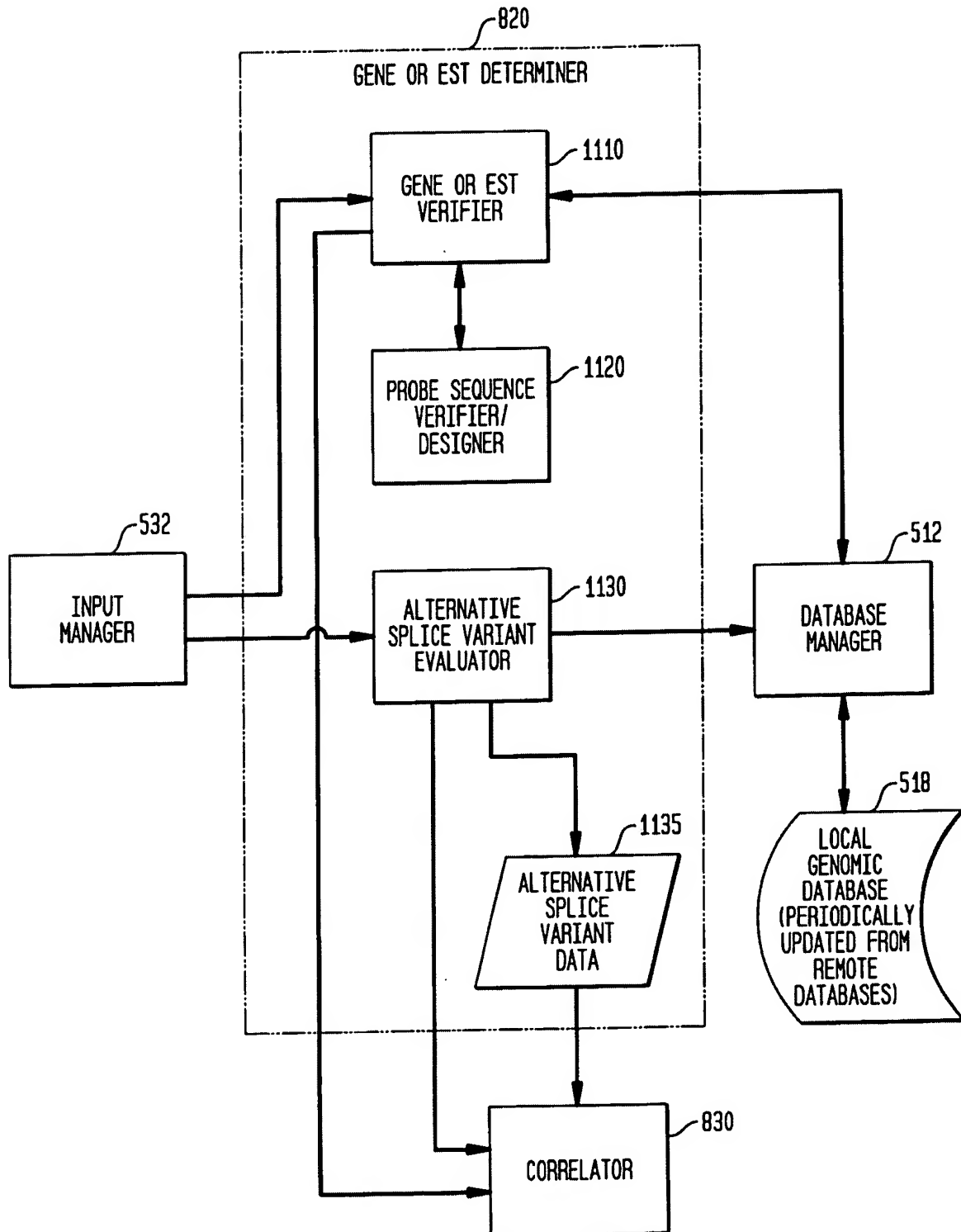
11/17  
FIG. 10



# REPLACEMENT SHEET

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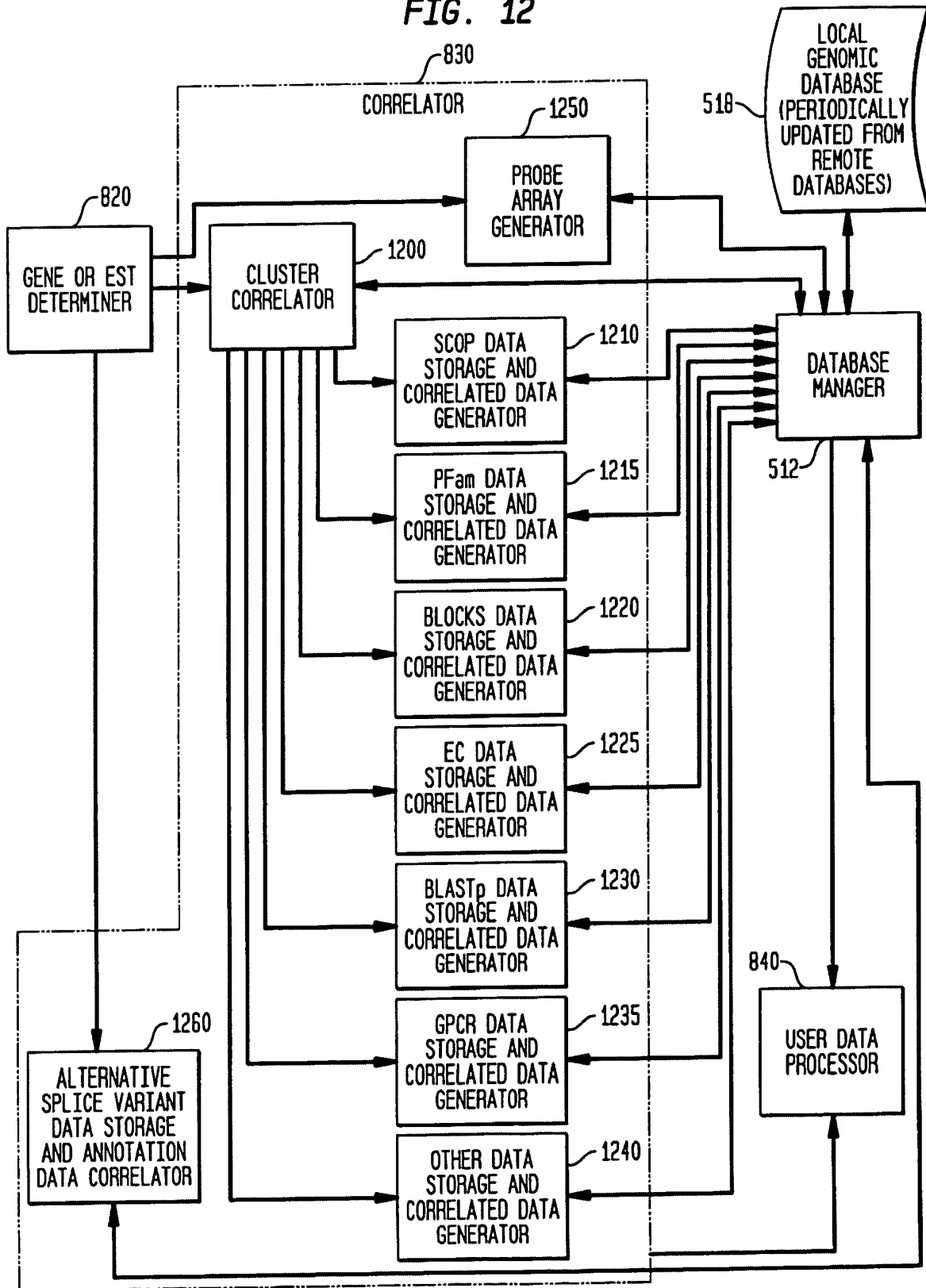
FIG. 11



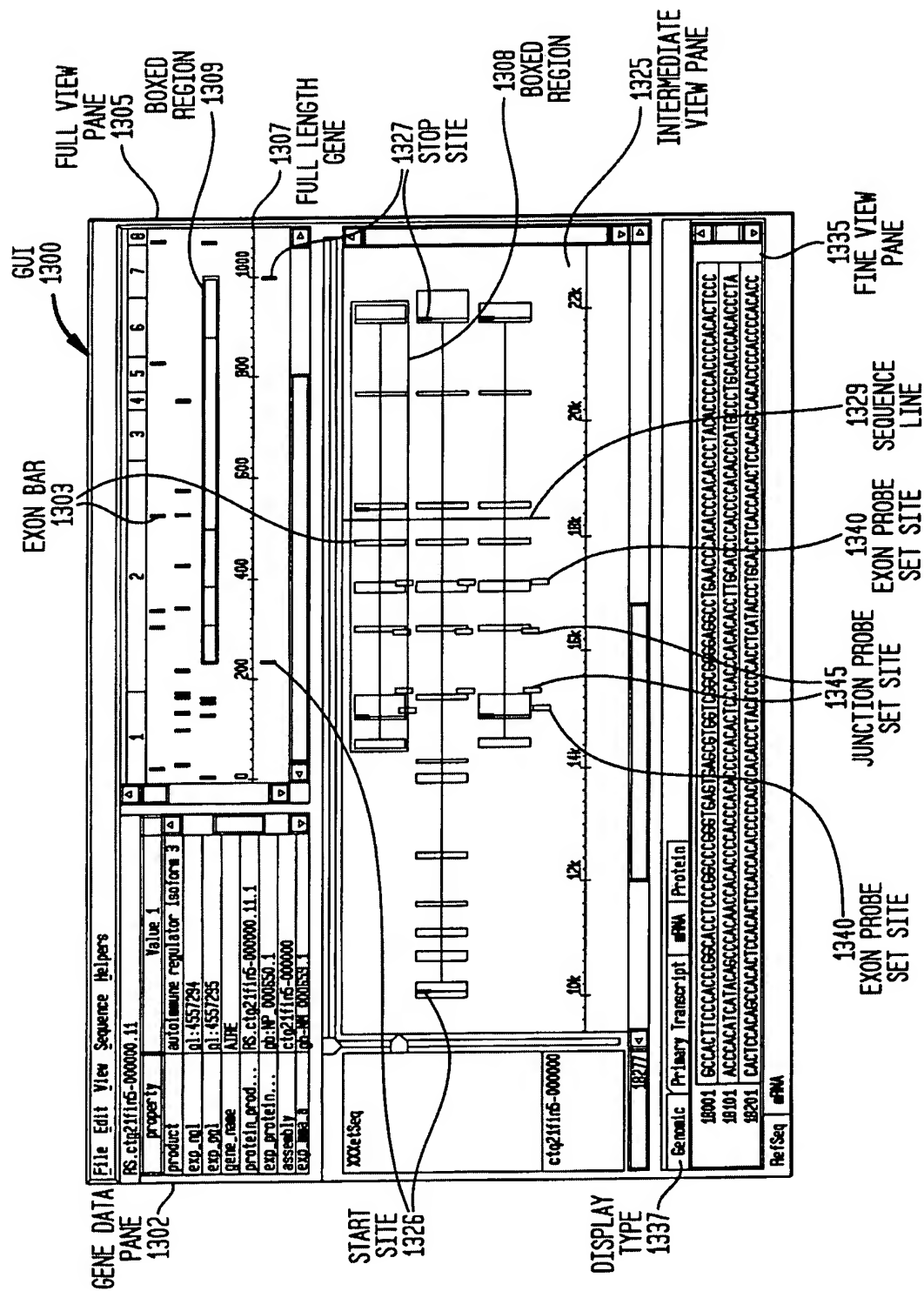
# REPLACEMENT SHEET

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FIG. 12



**FIG. 13A**



REPLACEMENT SHEET

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FIG. 13B

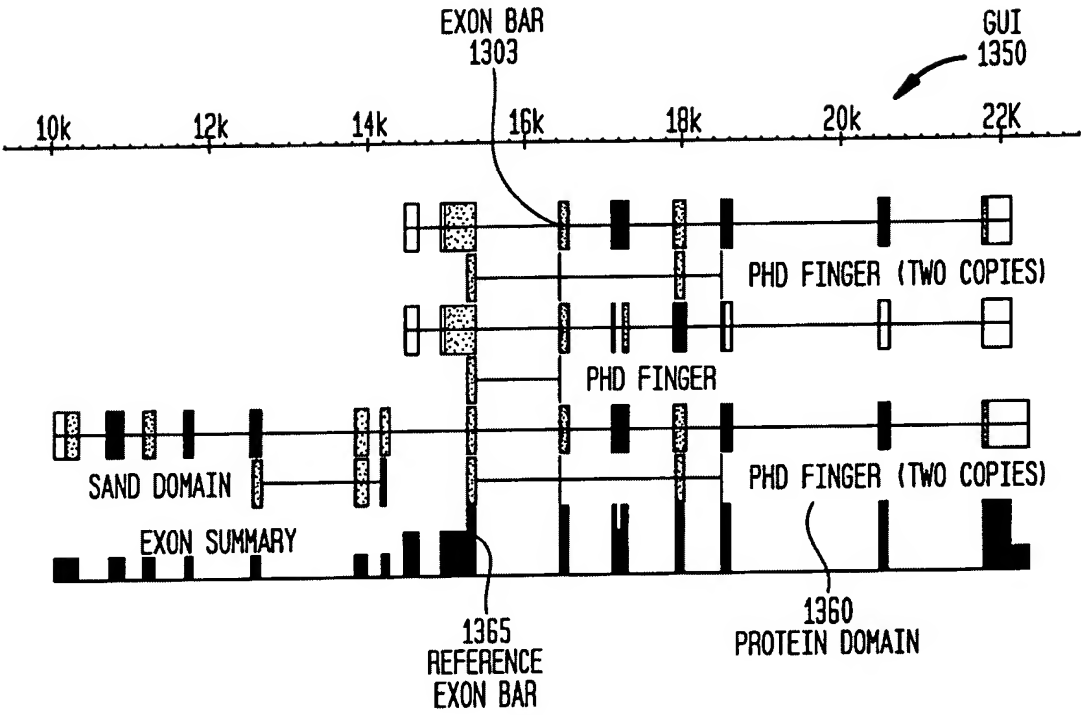


FIG. 14

GUI 1400

CUSTOM DESIGN

ARRAY DESCRIPTION

USER SELECTABLE DESCRIPTION INPUT FIELD 1405

ARRAY NAME

USER SELECTABLE NAME INPUT FIELD 1410

PROBE SET IDENTIFIER SEARCH BUTTON 1420

SEARCH FOR PROBE SET IDENTIFIERS

PROBE SET IDENTIFIER UPLOAD BUTTON 1425

UPLOAD PROBE SET IDENTIFIERS

PASTE SEQUENCE FOR VERIFICATION AND PROBE SET DESIGN

USER SELECTED SEQUENCE INPUT FIELD 1430

USER SELECTION SUBMISSION BUTTON 1440

SUBMIT

SHARED PROBE ARRAY AVAILABILITY

SHARED PROBE ARRAY AVAILABILITY FIELD 1435

The figure shows a graphical user interface (GUI) titled "CUSTOM DESIGN". It contains several input fields and buttons. At the top, there is a header bar with the text "CUSTOM DESIGN". Below this, there are two main sections. The first section contains two input fields: "ARRAY DESCRIPTION" and "ARRAY NAME". Above the "ARRAY DESCRIPTION" field is the label "USER SELECTABLE DESCRIPTION INPUT FIELD 1405". Above the "ARRAY NAME" field is the label "USER SELECTABLE NAME INPUT FIELD 1410". Below these fields are two buttons: "PROBE SET IDENTIFIER SEARCH BUTTON 1420" and "PROBE SET IDENTIFIER UPLOAD BUTTON 1425". To the right of these buttons are two more buttons: "SEARCH FOR PROBE SET IDENTIFIERS" and "UPLOAD PROBE SET IDENTIFIERS". Below these buttons is a large text area labeled "PASTE SEQUENCE FOR VERIFICATION AND PROBE SET DESIGN". To the right of this text area is an input field labeled "USER SELECTED SEQUENCE INPUT FIELD 1430". At the bottom of the GUI is a button labeled "USER SELECTION SUBMISSION BUTTON 1440" with a "SUBMIT" label next to it. To the right of this button is a large text area labeled "SHARED PROBE ARRAY AVAILABILITY" with a "SHARED PROBE ARRAY AVAILABILITY FIELD 1435" label next to it. The entire GUI is labeled "GUI 1400" at the top right.



FIG. 15

